

AUTOMOTIVE TECHNOLOGY

Program Description

Since the inception of Scott Community College, Auto Technology has been one of the college's most successful programs. The Automotive Technology Program is a two-year program admitting students in the Fall and Spring semester every year. In 1988 the Automotive Technology Program became the first program in Iowa to gain master certification in Automotive Service Excellence (ASE). Graduates from our program are prepared to pass certification exams in all of the following eight areas: Engine Repair, Manual Drive Train & Axles, Brakes, Heating & Air Conditioning, Automatic Transmission/Transaxle, Suspension & Steering, Electrical/ Electronics Systems, and Engine Performance. An Automotive Technician must be a versatile person willing to deal with customers as well as repair automobiles. Today's technicians work with computers and other sophisticated diagnostic equipment. Some of the graduates of this program will work in shops as general line technicians performing work on all systems of the vehicle. Others will work in specialty shops that specialize in just certain areas of the vehicle such as brakes or transmissions. Graduates may also work in related areas such as service advising or parts distribution.

Award Options

Associate in Applied Science Degree
Diploma

Job Outlook

Employment of automotive service technicians and mechanics is expected to increase 17 percent for the next decade, about as fast as the average for all occupations. Continued growth in the number of vehicles in use in the United States will lead to new jobs for workers performing basic car maintenance and repair. Additionally, the average lifespan of vehicles is increasing, which will further increase the demand for repair services, especially post-warranty work. Median annual wage of automotive service technicians and mechanics, including commission, are \$35,790. The lowest 10 percent earned less than \$20,200, and the top 10 percent earned more than \$59,590.

For details, please visit this link <http://www.bls.gov/oco/>



THE *Community's College*



**SCOTT COMMUNITY
COLLEGE**

Program Faculty

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www.eicc.edu

Toll-free 1-888-336-3907

Our Web Links:

www.eicc.edu/apply

www.eicc.edu/visit

www.eicc.edu/programs

www.eicc.edu/daretocompare

www.eicc.edu/financialaid

www.eicc.edu/catalog

Since the colleges of EICC are continually reviewing programs, information in the course catalog may change. Please visit www.eicc.edu/catalog for any program updates which have occurred since the most recent edition of the catalog.

Tuition and fees subject to change by the EICC Board of Trustees.

AUTOMOTIVE TECHNOLOGY

A.A.S. Degree

TERM 1 – FALL START

| | | Credits |
|---------|--------------------------------------------|----------------|
| AUT:103 | Survey of Automotive Technology (Optional) | (1.50) |
| AUT:115 | Automotive Shop Safety | 1.00 |
| AUT:164 | Automotive Engine Repair | 4.00 |
| AUT:606 | Basic Automotive Electricity/Electronics | 3.00 |
| AUT:614 | Automotive Electrical I | 3.00 |
| COM:102 | Communication Skills OR | 3.00 |
| ENG:105 | Composition I | 3.00 |
| MAT:104 | Applied Math Topics OR | 3.00 |
| MAT:110 | Math for Liberal Arts | 3.00 |
| | | <u>17.00</u> |

TERM 2

| | | |
|---------|-----------------------------------------|--------------|
| AUT:232 | Automotive Transmissions I | 3.00 |
| AUT:304 | Automotive Manual Drive Train and Axles | 4.00 |
| AUT:524 | Automotive Brake Systems and Service | 4.00 |
| AUT:802 | Engine Performance I | 3.00 |
| | | <u>14.00</u> |

TERM 3 – SUMMER

| | | |
|---------|-----------------------------------------|-------------|
| AUT:404 | Automotive Suspension and Steering | 4.00 |
| AUT:704 | Automotive Heating and Air Conditioning | 4.00 |
| | | <u>8.00</u> |

Diploma Total..... **39.00**

TERM 4

| | | |
|---------|------------------------------------------|--------------|
| AUT:233 | Automotive Transmissions II | 3.00 |
| AUT:811 | Engine Performance II | 4.00 |
| BCA:188 | Computer Fundamentals for Technicians OR | 3.00 |
| BUS:102 | Introduction to Business | 3.00 |
| HUM:105 | Working in America OR | 3.00 |
| PSY:213 | Industrial & Organizational Psychology | 3.00 |
| | | <u>13.00</u> |

TERM 5

| | | |
|---------|-----------------------------------|--------------|
| AUT:656 | Automotive Electrical II | 4.00 |
| AUT:817 | Automotive Engine Performance III | 3.00 |
| AUT:911 | Cooperative/Internship | 4.00 |
| WEL:331 | Welding Fundamentals | 2.00 |
| | | <u>13.00</u> |

A.A.S. Total..... **65.00**

Clinton Community College

1000 Lincoln Boulevard,
Clinton, IA 52732
(563) 244-7001
1-800-638-0559

www.facebook.com/clintoncommunitycollegeia

Admissions Officer

Heather Evans

hlevans@eicc.edu
(563) 244-7007
FAX (563) 244-7107

Muscatine Community College

152 Colorado Street,
Muscatine, IA 52761
(563) 288-6001
1-800-351-4669

www.facebook.com/muscatinecommunitycollege

Admissions Officer

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(563) 288-6007
FAX (563) 288-6014

Scott Community College

500 Belmont Road,
Bettendorf, IA 52722
(563) 441-4001
1-800-895-0811

www.facebook.com/scottcommunitycollege

Admissions Officer

Kelsey King

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It is the policy of Eastern Iowa Community Colleges not to discriminate on the basis of race, color, national origin, sex, disability, age (employment), sexual orientation, gender identity, creed, religion, and actual or potential parental, family or marital status in its programs, activities, or employment practices as required by the Iowa Code §§ 216.6 and 216.9, Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. § 206, et seq.) Title IX (Educational Amendments, 20 U.S.C. §§ 1681-1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. § 794), and Title II of the Americans with Disabilities Act (42 U.S.C. § 12101, et seq.).

If you have questions or complaints related to compliance with the policy, please contact Debora J. Sullivan, Equity Coordinator, 306 W. River Drive, Davenport, Iowa 52801, 563/336-3487, djsullivan@eicc.edu or the Director of the Office for Civil Rights, U.S. Department of Education, Citigroup Center, 500 West Madison, Suite 1475, Chicago, IL 60661, phone number 312/730-1560, fax 312/730-1576.

A.A.S. Degree

TERM 1 – SPRING START

| | | Credits |
|---------|------------------------------------------|---------|
| AUT:115 | Automotive Shop Safety | 1.00 |
| AUT:232 | Automotive Transmissions I | 3.00 |
| AUT:606 | Basic Automotive Electricity/Electronics | 3.00 |
| AUT:614 | Automotive Electrical I | 3.00 |
| AUT:802 | Engine Performance I | 3.00 |
| | | 13.00 |

TERM 2 – SUMMER

| | | |
|---------|-----------------------------------|------|
| AUT:811 | Engine Performance II | 4.00 |
| AUT:817 | Automotive Engine Performance III | 3.00 |
| | | 7.00 |

TERM 3

| | | |
|---------|-----------------------------|-------|
| AUT:164 | Automotive Engine Repair | 4.00 |
| AUT:233 | Automotive Transmissions II | 3.00 |
| COM:102 | Communication Skills OR | 3.00 |
| ENG:105 | Composition I | 3.00 |
| MAT:104 | Applied Math Topics OR | 3.00 |
| MAT:110 | Math for Liberal Arts | 3.00 |
| | | 13.00 |

TERM 4

| | | |
|---------|-----------------------------------------|-------|
| AUT:304 | Automotive Manual Drive Train and Axles | 4.00 |
| AUT:524 | Automotive Brake Systems and Service | 4.00 |
| AUT:656 | Automotive Electrical II | 4.00 |
| | | 12.00 |

TERM 5 – SUMMER

| | | |
|---------|-----------------------------------------|------|
| AUT:404 | Automotive Suspension and Steering | 4.00 |
| AUT:704 | Automotive Heating and Air Conditioning | 4.00 |
| | | 8.00 |

TERM 6

| | | |
|---------|------------------------------------------|-------|
| AUT:911 | Cooperative/Internship | 4.00 |
| BCA:188 | Computer Fundamentals for Technicians OR | 3.00 |
| BUS:102 | Introduction to Business | 3.00 |
| HUM:105 | Working in America OR | 3.00 |
| PSY:213 | Industrial & Organizational Psychology | 3.00 |
| WEL:331 | Welding Fundamentals | 2.00 |
| | | 12.00 |

A.A.S. Total.....**65.00**

Automotive Technology Basic Service Certificate

TERM 1 – FALL START

| | | Credits |
|---------|------------------------------------------|---------|
| AUT:115 | Automotive Shop Safety | 1.00 |
| AUT:606 | Basic Automotive Electricity/Electronics | 3.00 |
| AUT:614 | Automotive Electrical I | 3.00 |
| COM:102 | Communication Skills OR | 3.00 |
| ENG:105 | Composition I | 3.00 |
| | | 10.00 |



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If you have questions or complaints related to compliance with the policy, please contact Debora J. Sullivan, Equity Coordinator, 306 W. River Drive, Davenport, Iowa 52801, 563/336-3487, djsullivan@eicc.edu or the Director of the Office for Civil Rights, U.S. Department of Education, Citigroup Center, 500 West Madison, Suite 1475, Chicago, IL 60661, phone number 312/730-1560, fax 312/730-1576.

TERM 2

| | | |
|---------|--------------------------------------|-------------|
| AUT:524 | Automotive Brake Systems and Service | 4.00 |
| | | <u>4.00</u> |

TERM 3 – SUMMER

| | | |
|---------|------------------------------------|-------------|
| AUT:404 | Automotive Suspension and Steering | 4.00 |
| | | <u>4.00</u> |

Certificate Total.....**18.00**

TERM 1 – SPRING START**Credits**

| | | |
|---------|------------------------------------------|--------------|
| AUT:115 | Automotive Shop Safety | 1.00 |
| AUT:524 | Automotive Brake Systems and Service | 4.00 |
| AUT:606 | Basic Automotive Electricity/Electronics | 3.00 |
| AUT:614 | Automotive Electrical I | 3.00 |
| BCA:188 | Computer Fundamentals for Technicians OR | 3.00 |
| BUS:102 | Introduction to Business | 3.00 |
| | | <u>14.00</u> |

TERM 2 – SUMMER

| | | |
|---------|------------------------------------|-------------|
| AUT:404 | Automotive Suspension and Steering | 4.00 |
| | | <u>4.00</u> |

Certificate Total.....**18.00**

Automotive Technology General Service Certificate**TERM 1****Credits**

| | | |
|---------|------------------------------------------|--------------|
| AUT:115 | Automotive Shop Safety | 1.00 |
| AUT:164 | Automotive Engine Repair | 4.00 |
| AUT:606 | Basic Automotive Electricity/Electronics | 3.00 |
| AUT:614 | Automotive Electrical I | 3.00 |
| COM:102 | Communication Skills OR | 3.00 |
| ENG:105 | Composition I | 3.00 |
| | | <u>14.00</u> |

TERM 2

| | | |
|---------|-----------------------------------------|--------------|
| AUT:232 | Automotive Transmissions I | 3.00 |
| AUT:304 | Automotive Manual Drive Train and Axles | 4.00 |
| AUT:524 | Automotive Brake Systems and Service | 4.00 |
| AUT:802 | Engine Performance I | 3.00 |
| | | <u>14.00</u> |

TERM 3 – SUMMER

| | | |
|---------|-----------------------------------------|-------------|
| AUT:404 | Automotive Suspension and Steering | 4.00 |
| AUT:704 | Automotive Heating and Air Conditioning | 4.00 |
| | | <u>8.00</u> |

Certificate Total.....**36.00**



Gainful employment information for the Automotive Technology program is located at www.eicc.edu/gainfulemployment